Artizan® Wall Hung Cabinet Installation / User Manual

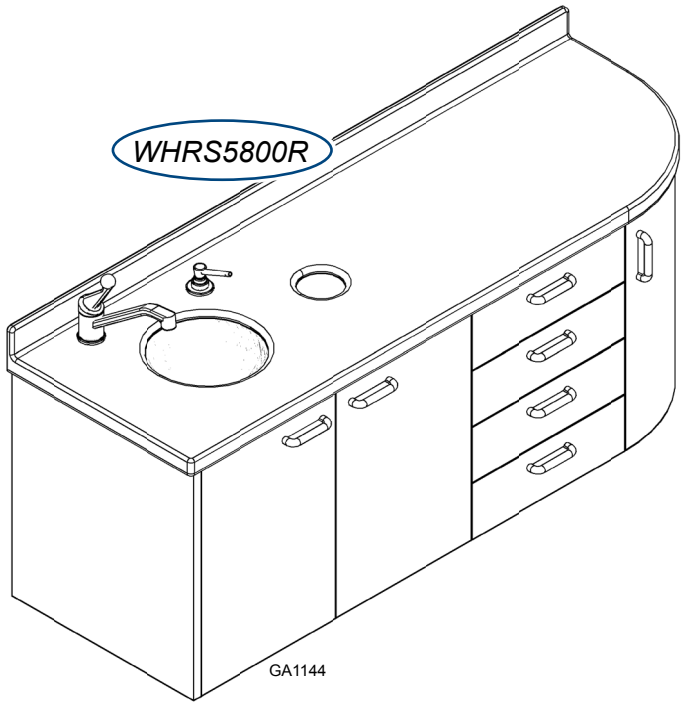
Applies to Models:
WHRS5400L/R
WHRS5800L/R
Modular Cabinets

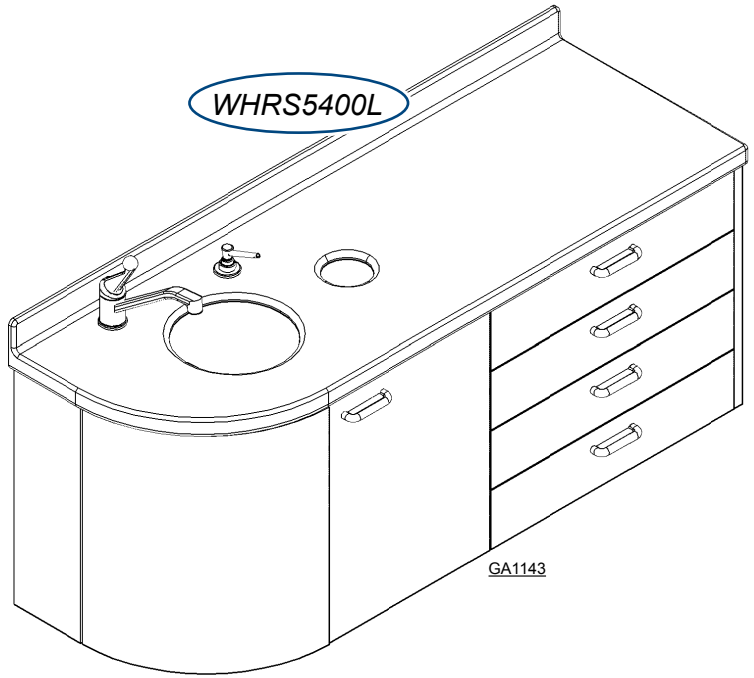
Special Tools:
Level
Power Drill
3/4" Drill Bit

Language of origin: English

Note:
If applicable, Midmark casework unit must be connected to a dedicated circuit with disconnect rated at 20A, 115V~, 60HZ. Failure to comply could result in an overload of the electrical circuit and/or components. All wiring, including disconnect, and plumbing must be installed by a licensed electrician or plumbing contractor following applicable local, city, and national codes.

Equipment Alert
Inspect all components for shipping damages. A concealed damage report must be filed with the carrier (by the person receiving the goods) within 15 days of delivery.





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Important Information and Symbols

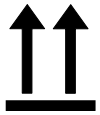
These symbols may appear on your equipment and / or in the manuals.

WARNING
Indicates a potentially hazardous situation which could result in serious injury if not avoided.

Caution
Indicates a potentially hazardous situation which may result in minor or moderate injury if not avoided. It may also be used to alert against unsafe practices

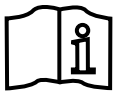
Equipment Alert
Indicates a potentially hazardous situation which could result in equipment damage if not avoided.

Note:
Amplifies a procedure, practice or condition.


Proper Shipping Orientation

Fragile

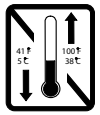
Keep Dry


Consult User Guide

AC (Alternating Current)

Pressure Limits

Humidity Limit


Temperature Limit

Type B Applied Part

No Stacking

Corrugated Recycle

Contact Information:

Midmark Corporation
115 G.L. Comer Road
Glasgow, Kentucky 42141
Phone: 1-800-643-6275 ext. 88015
Fax: (270)-651-1732

Intended Use

The Midmark Artizan wall hung line of cabinetry is designed to be used as a storage unit and workstation inside the healthcare office environment.

Specifications

- Approved for indoor use only.

Transportation / Storage / Operating Conditions

Transportation / Storage Temperature Range: ..0°F to 140°F (-18°C to 60°C)
Relative Humidity:.....10% to 90% (Non-Condensing)
Atmospheric Pressure:.....7.2 PSI to 15.3 PSI (50 kPa to 106 kPa)
Operating Temperature Range.....59°F to 95°F (15°C to 35°C)

Disposal of Equipment / Consumable Goods

At the end of this products life, the unit, accessories and other consumable goods may be contaminated from normal use. Consult local codes and ordinates for proper disposal of this equipment and other consumables.

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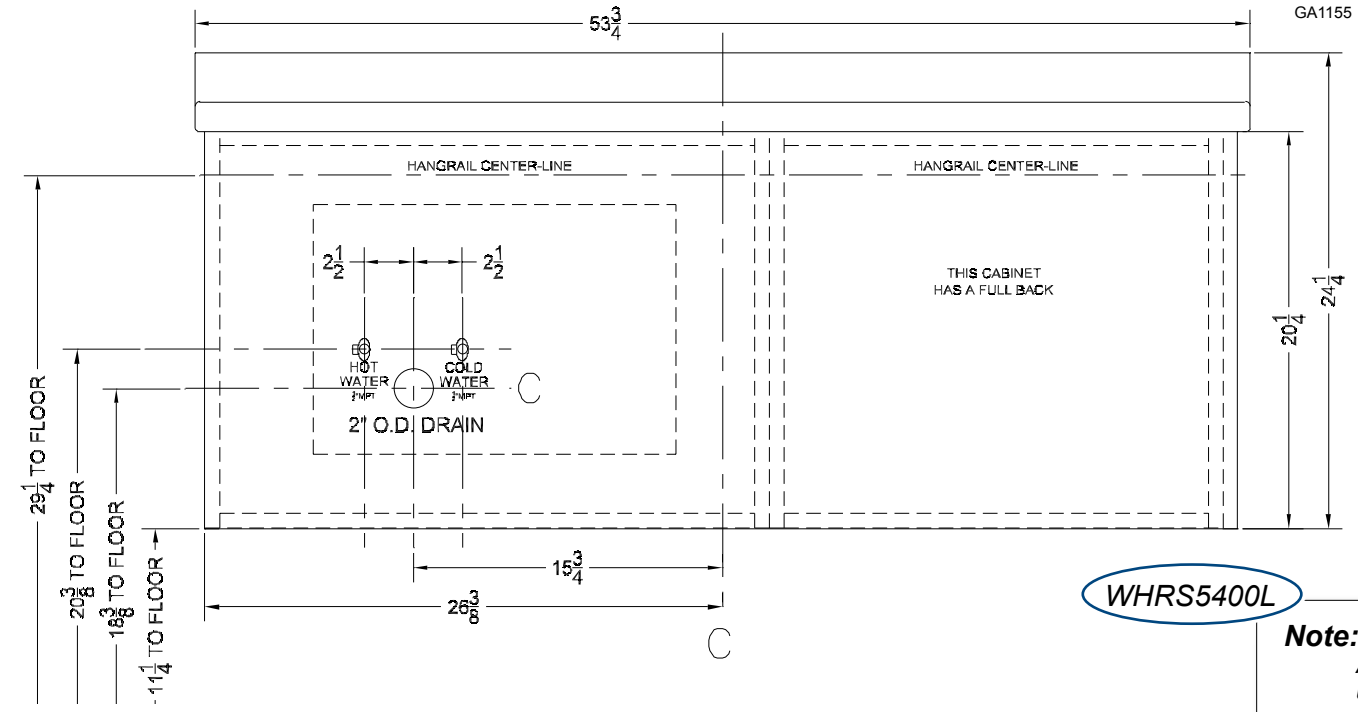
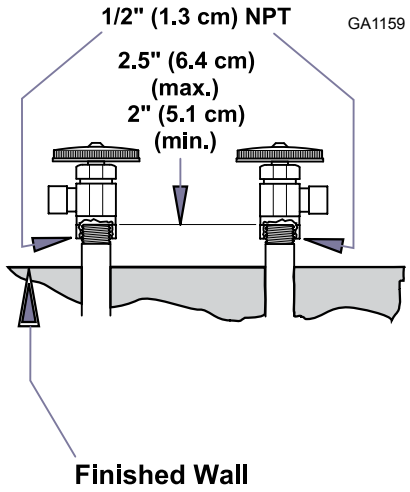
Wall Layout *(WHRS5400)*



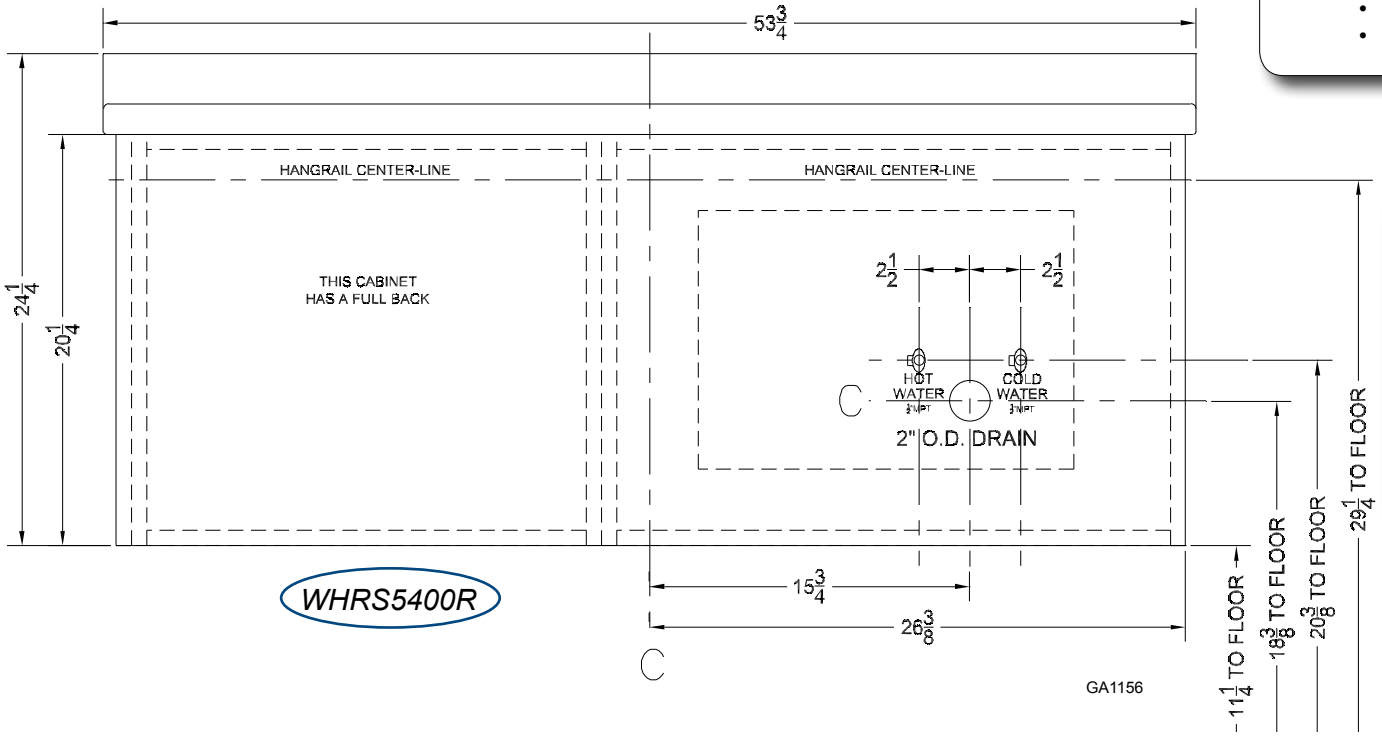
WHRS5400L



Note:

A full size, pre-installation floor template is available upon request:

- *WHRS5400L, P/N: 003-2418-00*
- *WHRS5400R, P/N: 003-2418-01*

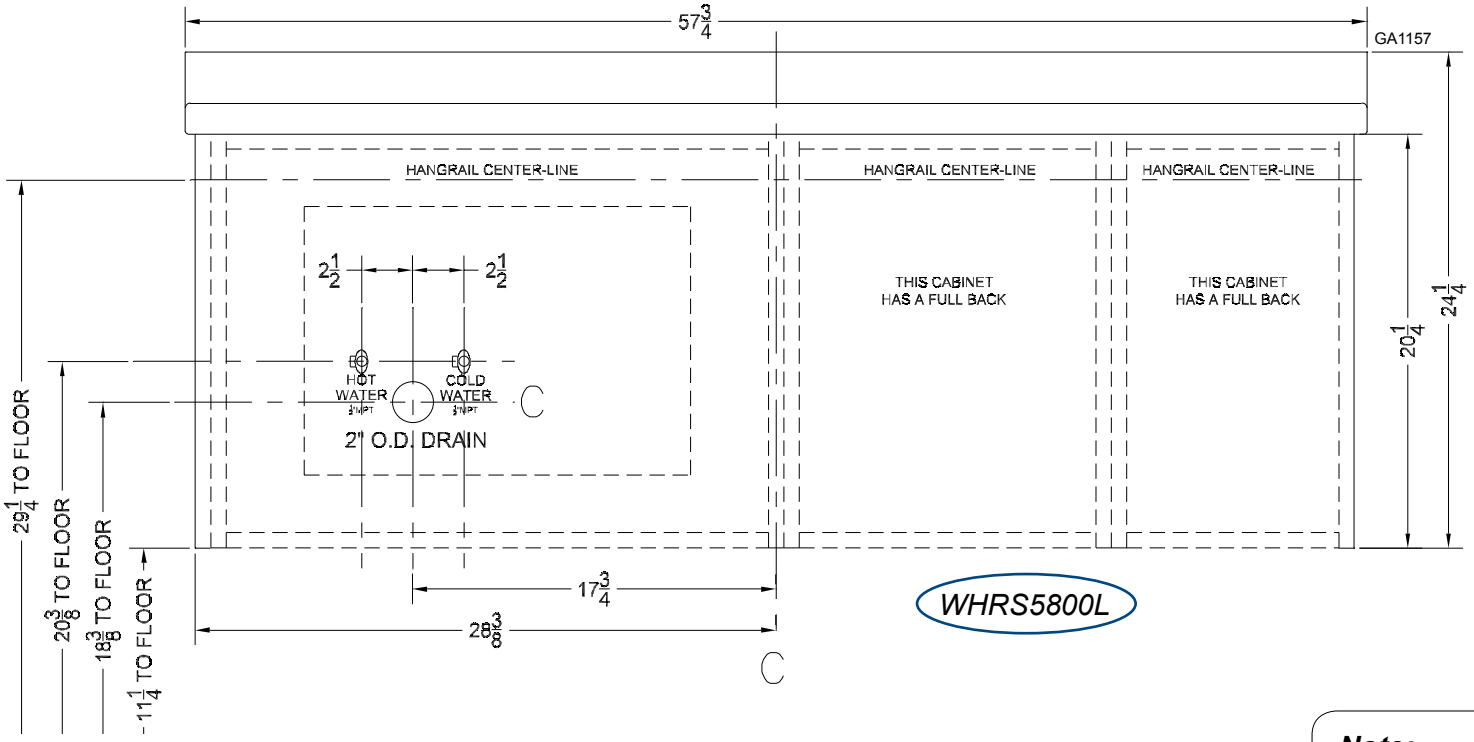


WHRS5400R

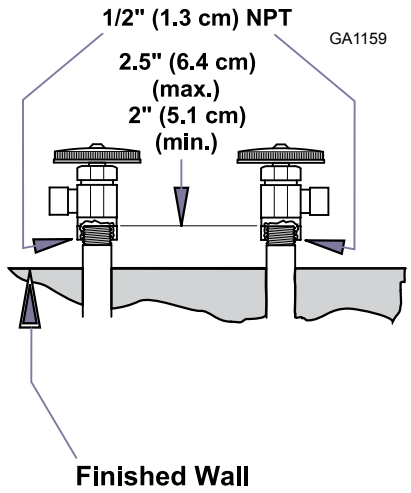
Note:

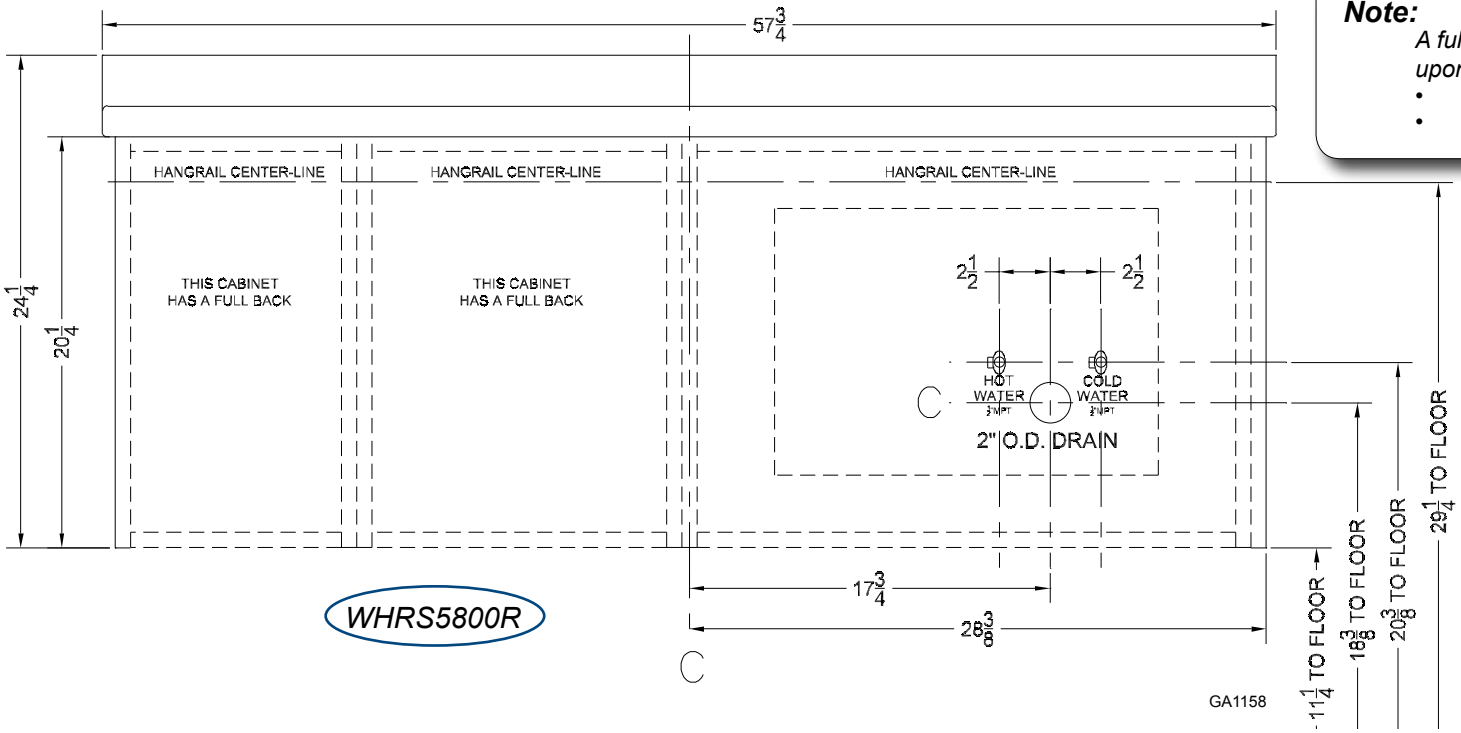
Have licensed electrical and plumbing contractors position and install electrical outlet receptacles and related plumbing using the pre-installation template or layout. Assure wall is of such construction that the unit will be adequately supported and anchored. If necessary contact a licensed contractor to reinforce the wall.

Wall Layout (WHRS5800)



WHRS5800L





WHRS5800R

Note:

A full size, pre-installation floor template is available upon request:

- *WHRS5800L, P/N: 003-2419-00*
- *WHRS5800R, P/N: 003-2419-01*

Note:

Have licensed electrical and plumbing contractors position and install electrical outlet receptacles and related plumbing using the pre-installation template or layout. Assure wall is of such construction that the unit will be adequately supported and anchored. If necessary contact a licensed contractor to reinforce the wall.

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Wall Hung Installation

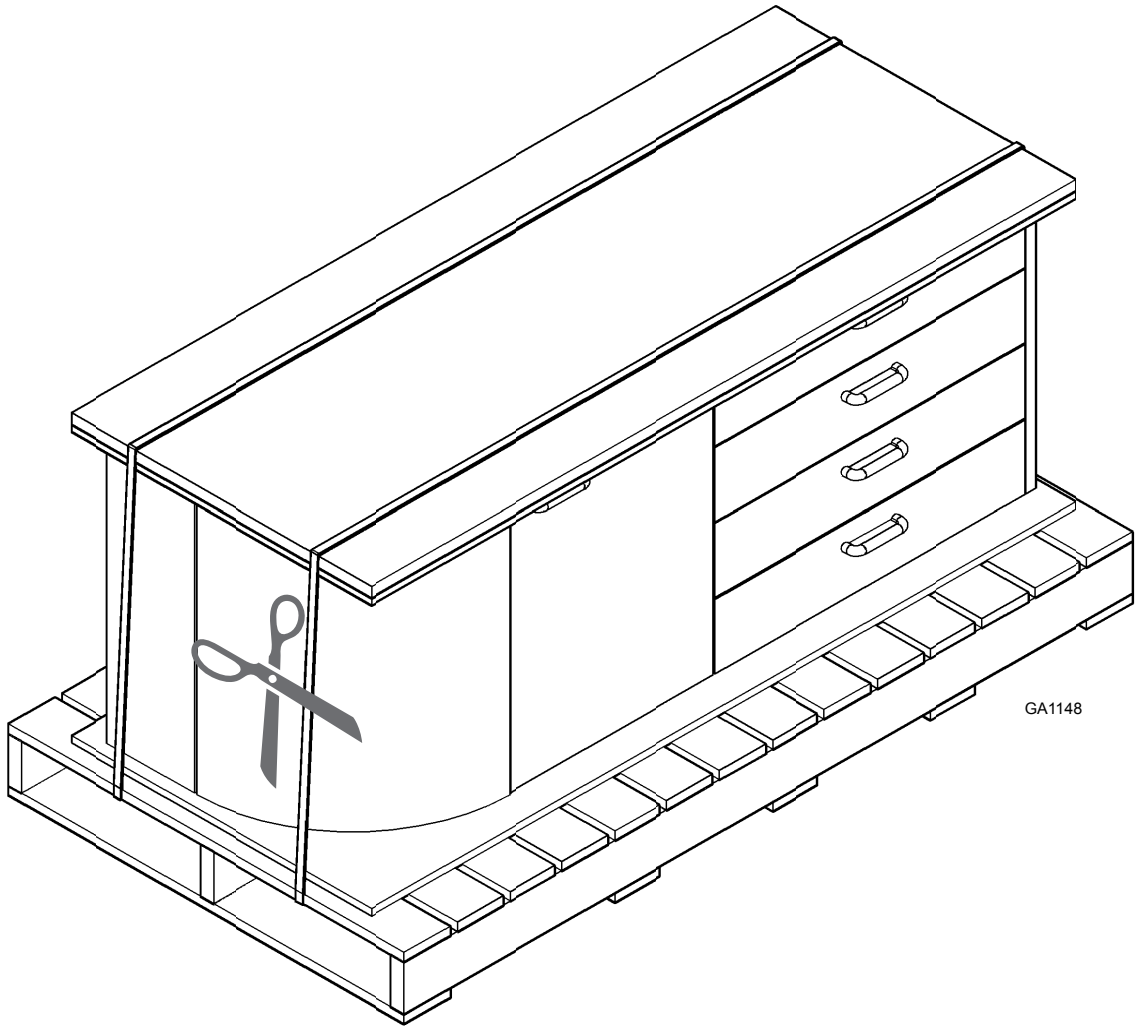
Step 1: Remove the cabinets from shipping pallet

A) Cut straps and remove shipping materials.

B) Remove cabinet drawers and doors (see Drawer Removal, Installation, and Adjustment in this manual).

WARNING

Cabinet weighs 125-150 pounds. Remove the doors and drawers to make the cabinet lighter and to keep them from coming open during installation. Lift with two people on the bottom edge of the cabinet from both ends.



Wall Hung Installation

Step 2: Installing the Hang Rail

A) Determine the final desired height of the countertop and subtract 3-3/4". Make a level line on the wall at this height for later reference. (33" operatory cabinet = 29-1/4" to line from the finished floor.)

B) Mark intersecting studs on level line.

C) Using the hang rail as a template, line up the rail holes with the stud marks made in step B and mark the wall for anchor locations every 8 inches between studs making sure the anchors will line up with the holes in the hang rail.

D) Install the provided anchors in 16" increments between the studs in the marked locations. (See Anchor Installation)

E) Using the provided lag screws attach the hang rail to the wall.

F) Using 2-1/2" drywall screws (for wood studs), attach the rail to studs in 16" increments. (For metal studs see note)

Note:
If metal studs were used in the construction of the walls, use a 1-1/2" LG fine thread flanged screw with a head no smaller than 5/16" diameter

Anchor Installation

A) Drill holes using a 1/2" drill bit through drywall in the specified locations.

B) Hold the metal channel flat alongside the plastic straps with the top of the channel facing up and slide through the hole drilled in step A.

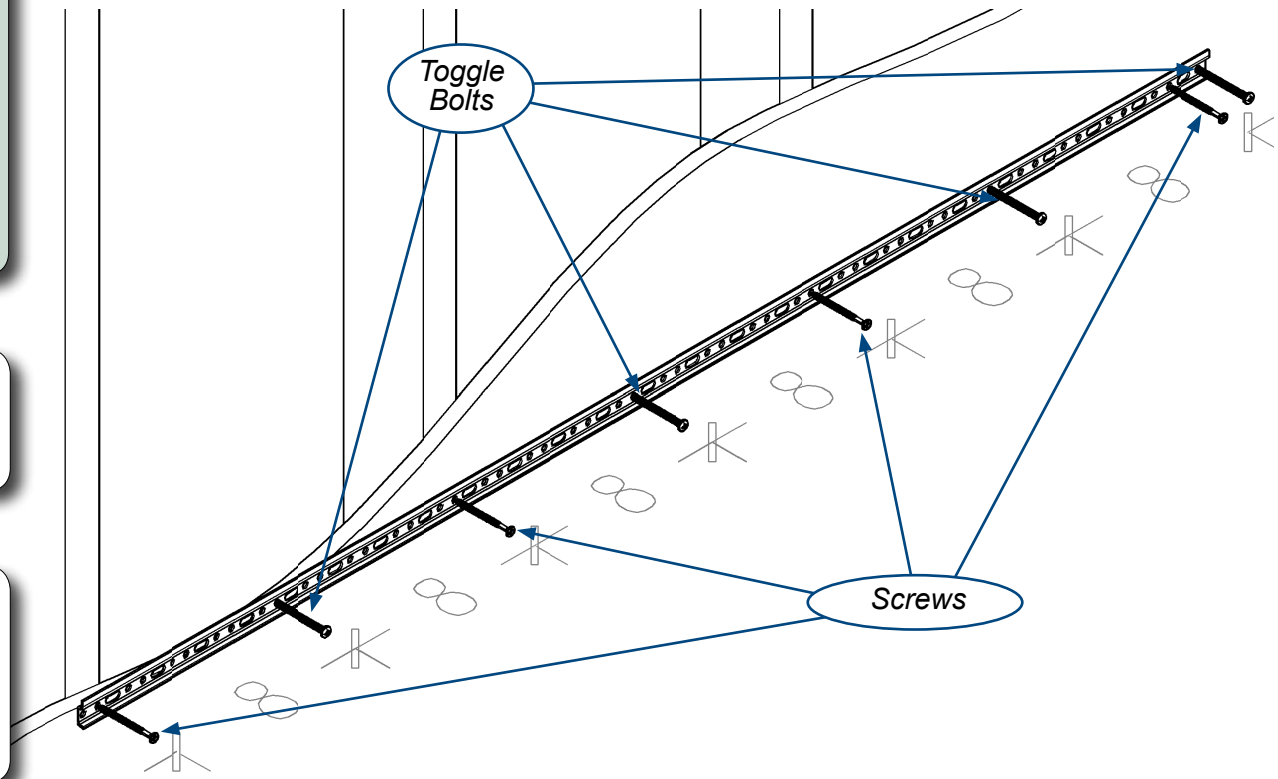
C) Hold the ends of the straps between thumb and forefinger and pull toward you until channel rests flush behind wall. slide plastic cap along straps with other hand until flange of cap is flush with wall.

D) Snap straps at the wall by pushing side to side. Repeat at each location.

Note:
Minimum clearance behind wall: 1-7/8".

WARNING
The ends of the hang rail must be fastened to the wall with either a toggle bolt and anchor (if in-between studs) or a screw (if on stud).

WARNING
The hang rail must be fastened on the ends and every 8". Attachments are between studs with the provided anchors on 16" increments and must also be attached to a stud every 16" to support the rated load of 20 pounds per foot. (approx. 100 pounds for a WHRS5400 and WHRS5800) See diagram below.



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Wall Hung Installation

Step 3: Hanging the Cabinets

A) Adjust the cabinet hangers to the extended position in each cabinet. (See Hang Block Adjustments in this manual)

B) Lift the cabinets from both ends keeping the cabinets in the upright orientation.

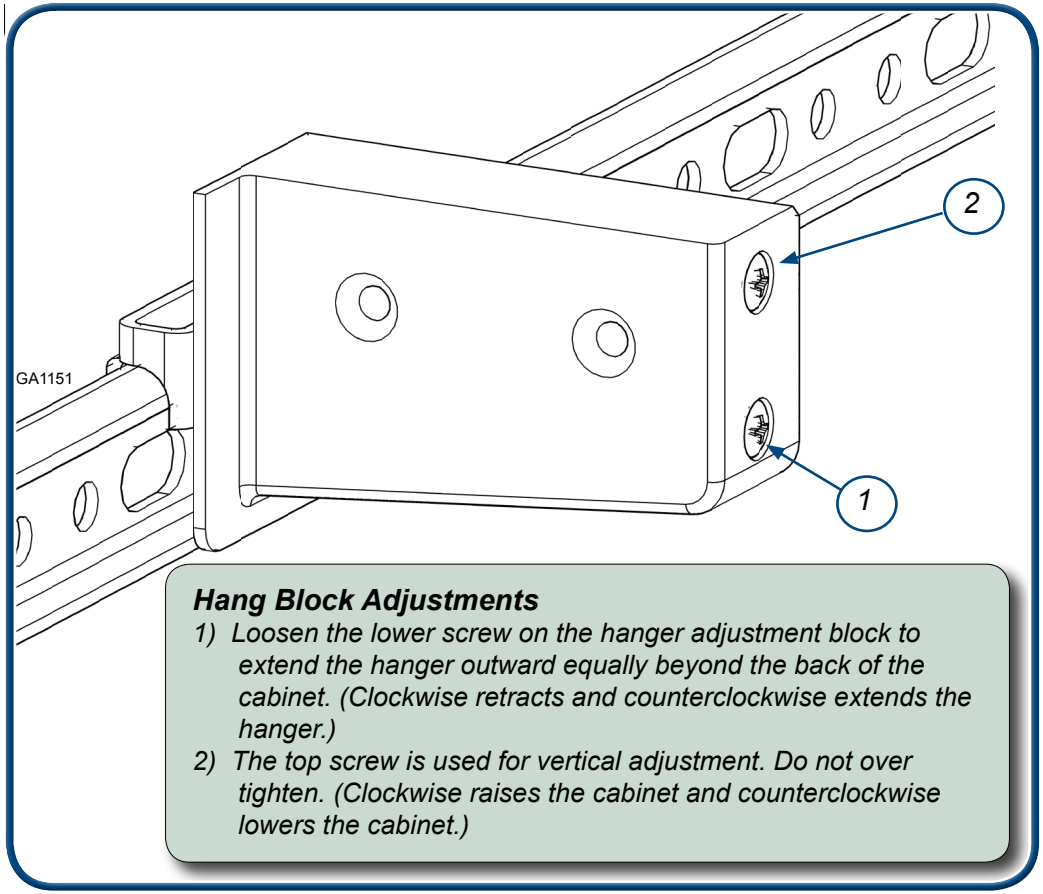
C) Move the cabinets to the wall and lower the cabinets so the hangers catch on the hang rail. Be sure not to scratch the wall when lowering the cabinets onto the rail.

D) Verify that all the hangers are hooked on the rail before adjusting the hangers. (See Hang Block Adjustments in this manual)

E) Adjust all the hangers in each cabinet evenly until 1/16" gap is between the cabinet and the wall.

F) Using a level, adjust the hangers evenly across the cabinets as necessary to level the cabinet. (See Hang Block Adjustments in this manual)

G) Tighten hangers so cabinet is tight against the wall. (See Hang Block Adjustments in this manual)



Hang Block Adjustments

1) Loosen the lower screw on the hanger adjustment block to extend the hanger outward equally beyond the back of the cabinet. (Clockwise retracts and counterclockwise extends the hanger.)

2) The top screw is used for vertical adjustment. Do not over tighten. (Clockwise raises the cabinet and counterclockwise lowers the cabinet.)

Equipment Alert

Adjusting both ends of the assembly will level the cabinets but will not support the rated load. Be sure that all the Hang Blocks are adjusted vertically such that they are supporting the load of the cabinets. (Two hang blocks per cabinet)

Caution

Verify that all the hangers are hooked on the rail before fully retracting the hangers. (See Hang Block Adjustments in this manual)

Wall Hung Installation

Step 4: Hanging Counter top supports (if applicable)

A) Adjust the support hangers to the extended position in each cabinet. (See Hang Block Adjustments in this manual)

B) Place the support on the hang rail and adjust the hangers evenly so there is a 1/16" gap between the support and the wall.

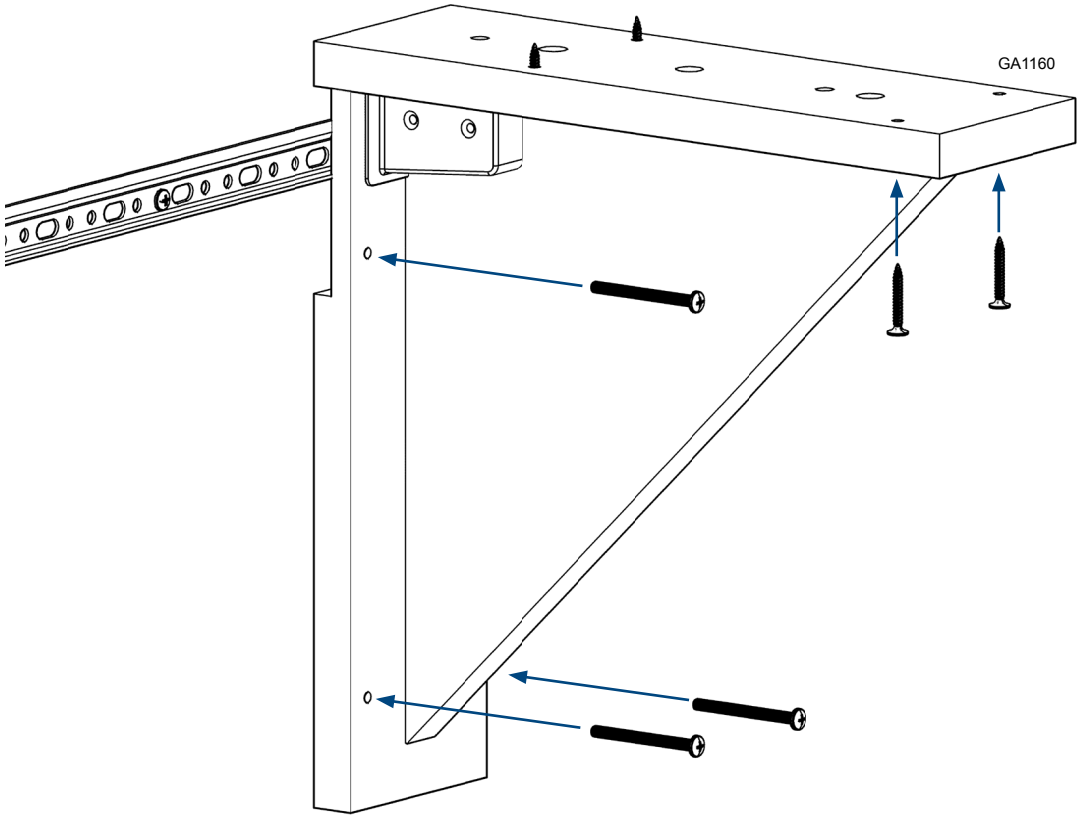
C) Adjust the support so that it is level with other cabinets hanging on the rail.

D) Mark the anchor locations on the wall through the pilot holes in the counter top support.

E) Remove the countertop support and install the anchors in the wall. (see Anchor Installation in this manual)

F) Place the support back on the rail and tighten the hangers so the support is against the wall.

G) Use the provided toggle bolts to fasten the support to the anchors in the wall.



Equipment Alert

Adjusting both ends of the assembly will level the cabinets but will not support the rated load. Be sure that all the Hang Blocks are adjusted vertically such that they are supporting the load of the cabinets. (Two hang blocks per cabinet)

Caution

Verify that all the hangers are hooked on the rail before fully retracting the hangers. (See Hang Block Adjustments in this manual)

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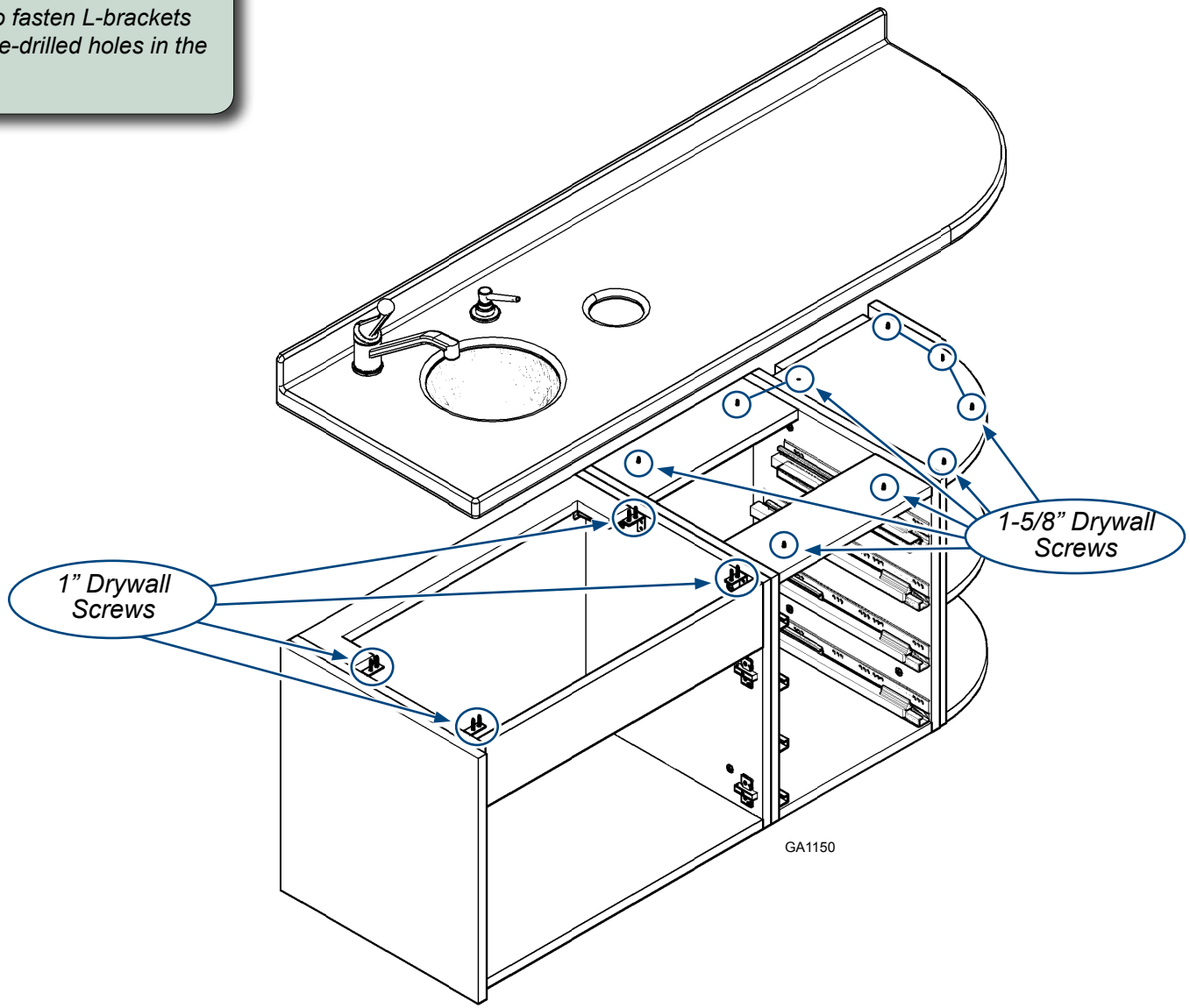
Wall Hung Installation

Step 5: Install Countertop

A) Remove packaging from shipping container and place the countertop on the wall hung cabinet.

B) Adjust the countertop against the wall and overhanging the side of the cabinet by a 1/2" on either side.

C) In general, use the supplied 1" drywall screws to fasten L-brackets to the countertop and 1-5/8" screws through pre-drilled holes in the tops of all other cabinets.

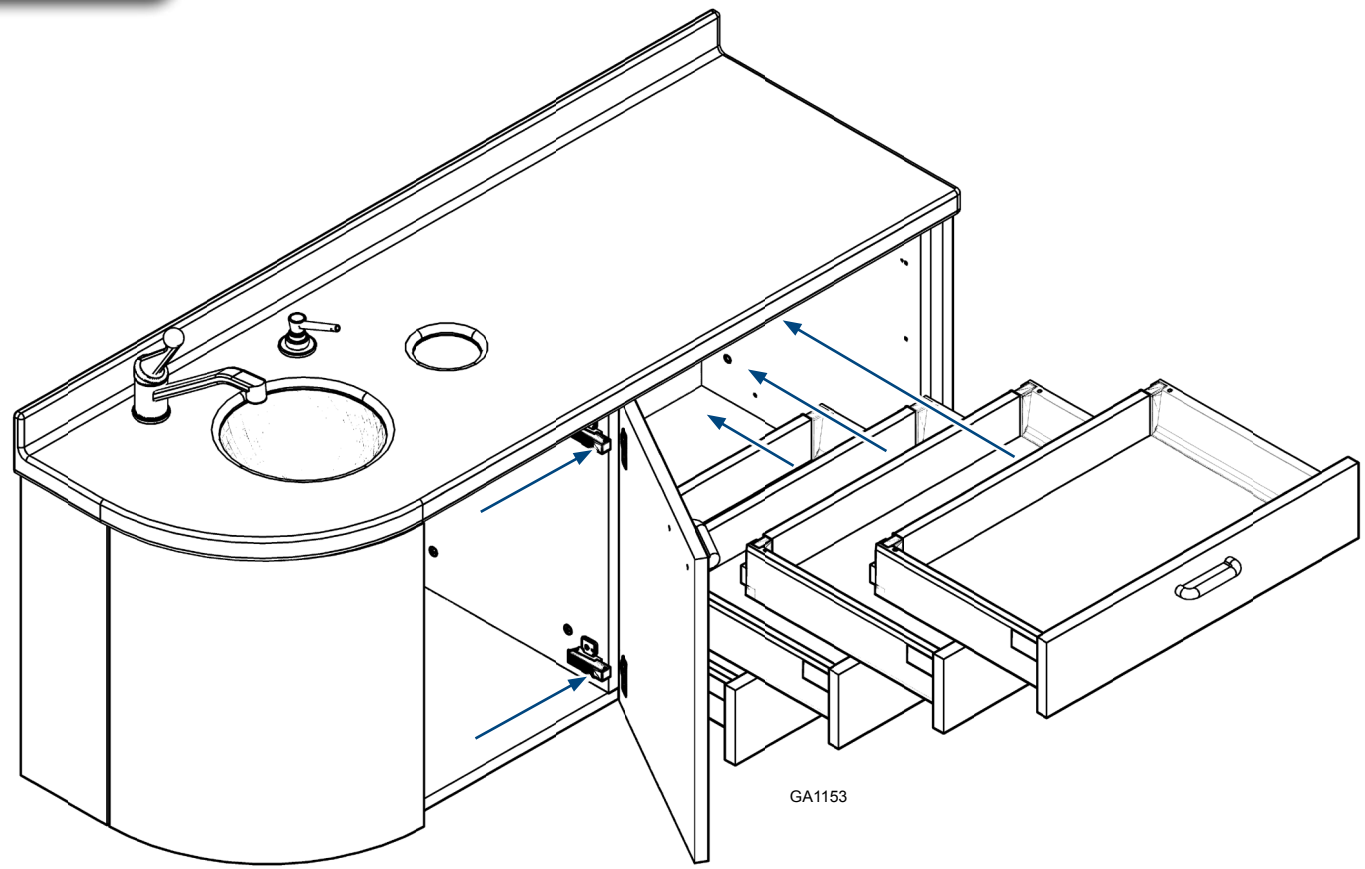


Wall Hung Installation

Step 6: Doors and Drawers

A) Re-install cabinet drawers (see Drawer Removal, Installation, and Adjustment in this manual) and make adjustments as needed.

B) Re-install cabinet doors (see Door Removal, Installation, and Adjustment in this manual) and make adjustments as needed.



Equipment Alert

Maximum recommended weight for contents in drawers is 5 pounds for medium (3.15" HGT) drawer boxes and 10 pounds for large (5.9" HGT) drawer boxes.

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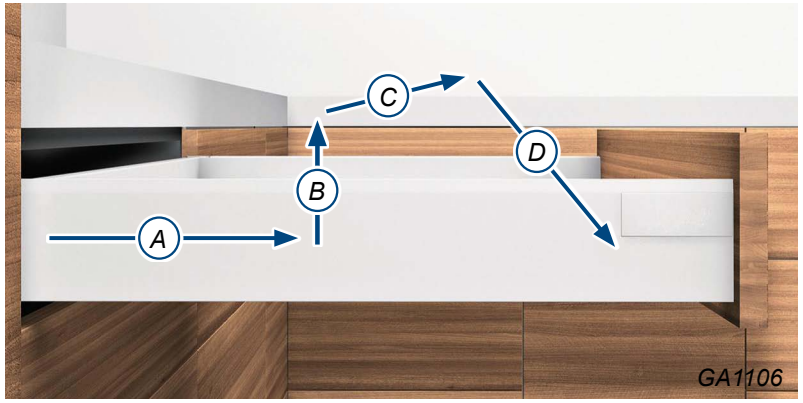
Drawer Removal, Installation and Adjustment

Drawer Removal

A) Open drawer completely.
B) Lift up on the drawer front until the front of the box releases from the glide.
C) Pull out on the drawer slightly.
D) Lower the drawer back down while pulling out on the drawer.



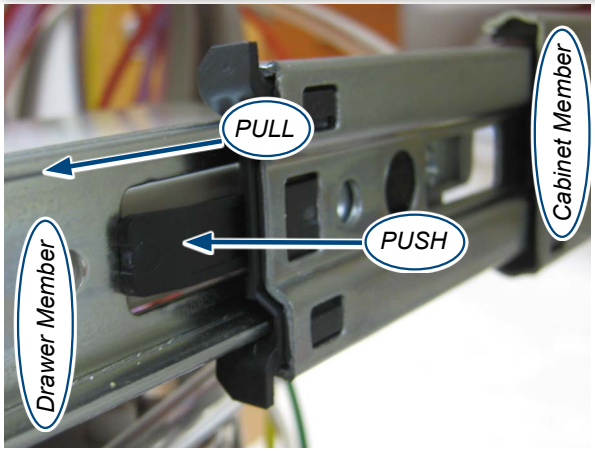
Drawer Installation

A) Fully extend drawer glides from the cabinet. (Optional)
B) Place the drawer on the glides.
C) Push the drawer in completely.
D) Cycle drawer a couple times to ensure that the drawer is securely attached to the glides.

Full Extension Glide Removal & Installation...

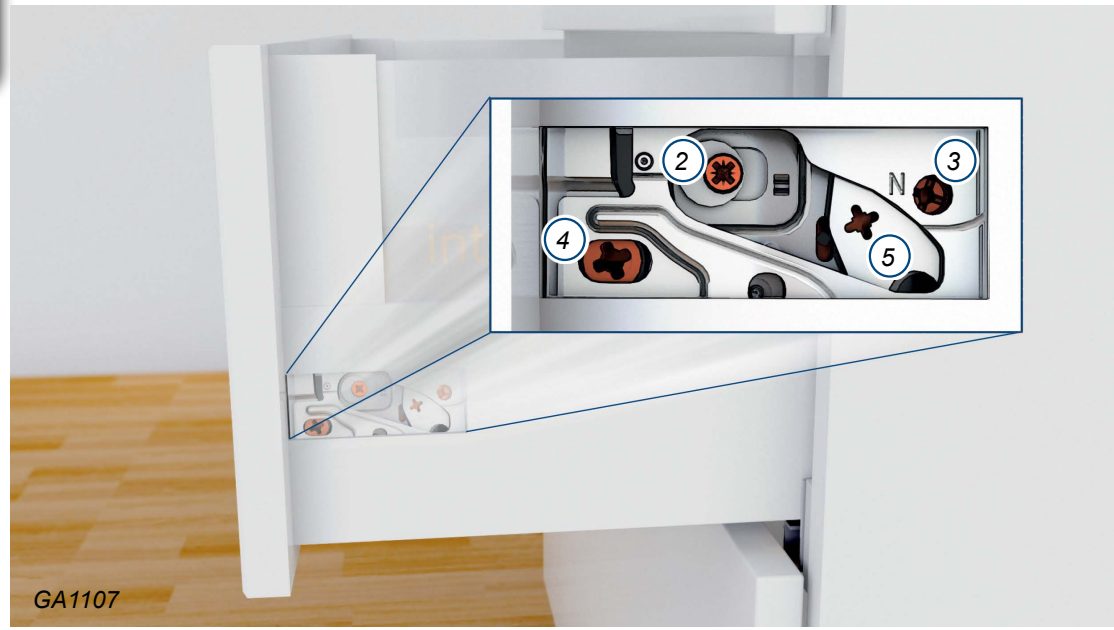
Removal

A) Extend the glide to its outermost position. Push the release levers in and remove the drawer member of the sides.



Installation

A) Line up the drawer member to the cabinet member and push the drawer into its compartment.



Drawer Front Adjustment and Removal

1) Remove the cover caps on the drawer side by hand.
2) Height Adjustment: Rotate in either direction to adjust the drawer front vertically.
3) Tilt Adjustment: Adjust after the drawer front is installed to ensure the drawer sides meet square with the drawer front. (Only available on large drawer boxes.)
4) Side Adjustment: Adjusts the drawer front horizontally. Turn in either direction.
5) Tension/Removal: For large drawers, turn the screw toward the front of the drawer until the front detaches from the box. Repeat this procedure on both sides of the drawer. For small and medium drawer boxes, turn the screw toward the back of the drawer to remove the front.

GA1105

Door Removal, Installation, and Adjustment

Hinge 1 & 2 Adjustments

Use a phillips head screw driver for the following steps...

A) Screw A adjusts the door in direction A seen in the Adjustment Direction Guide

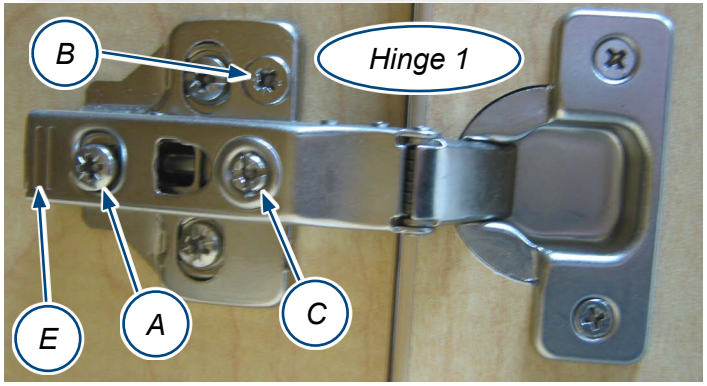
B) Screw B adjusts the door in direction B. Equal adjustment must be made to all hinges on the door for it to move the desired distance.

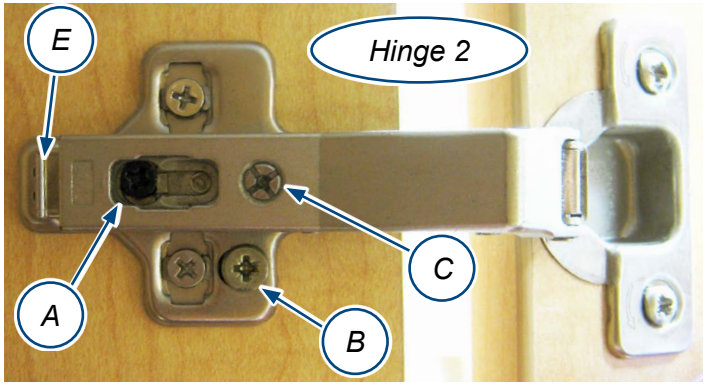
C) Screw C adjusts the door in the C direction. Make adjustments to top and bottom hinge as necessary.

Note: Use a level to ensure the door is level and plumb. Preferred gaps are approximately 1/8" between doors and 1/16" between accents and doors.

Hinge 1 & 2 Removal

E) Press button at point E at the back of the hinge and pull away from cabinet.

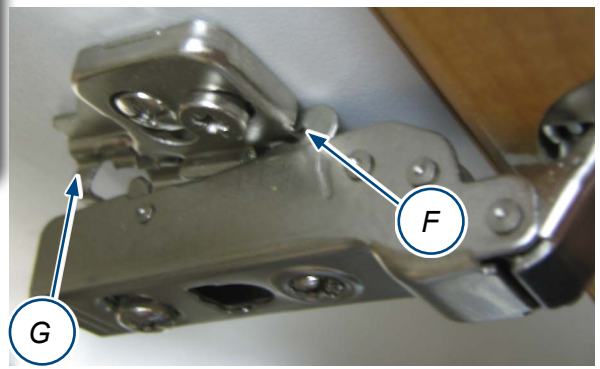




Hinge 1 & 2 Installation

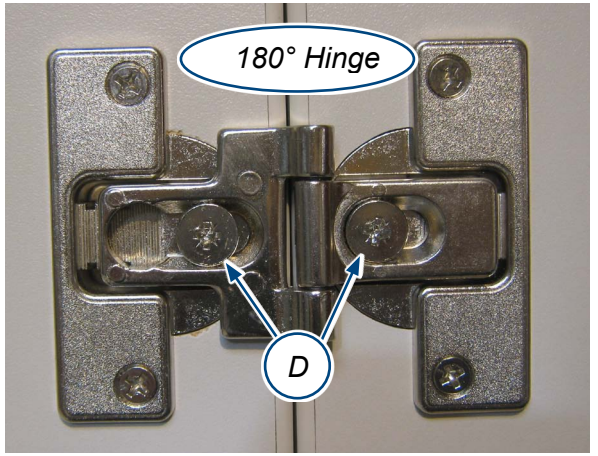
F) Hook the hinge to the mounting block at point F

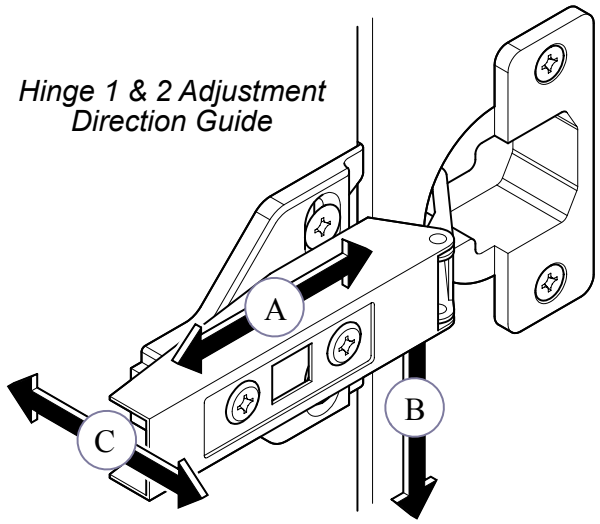
G) Latch at point G by pressing the hinge against the hinge block.



180° Hinge Adjustments

D) Loosen screw D and adjust door gap and angle using a level. Tighten screw D when positioned correctly,





GA1044

Cleaning / Maintenance (Casework)

Disinfecting Procedures for External Surfaces

Attention!
Midmark assumes no responsibility or liability for any result, expressed or implied.
These are suggested practices, based on the best information available at this time.

Equipment Alert

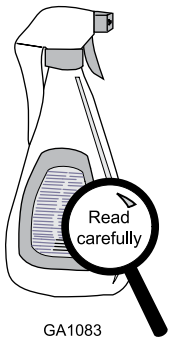
- *Users should not use cleaning or decontamination methods different from those recommended by the manufacturer without first checking with the manufacturer that the proposed methods will not damage the equipment.*
- *Midmark's dental equipment is manufactured from the most chemical-resistant materials available. However, no material is impervious to every chemical. Using protective barriers is the most effective method to prevent equipment damage.*
- *Use only moist cloth with appropriate cleaner for cleaning casework.*

Cleaning and Disinfectant Procedures

Use cleaners and disinfectants that are appropriate for the situation such as warm water and mild detergents, or an ammonia based cleaner.

NOTE: Every dental practice is different, and no single disinfectant is the best choice for every facility. Listed below are some organizations to assist you in choosing the best disinfectants available for your practice.

- *Organization for Safety & Asepsis Procedures: http://www.osap.org*
- *American Dental Association: http://www.ada.org*
- *Dept. of Health & Human Resources Centers for Disease Control & Prevention (CDC):* http://www.cdc.gov



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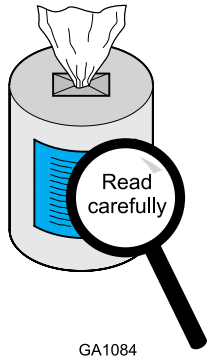
When using disinfectants...
Carefully read the product label and directions for use.
Do not exceed the dilution rate.



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Read all labels carefully!

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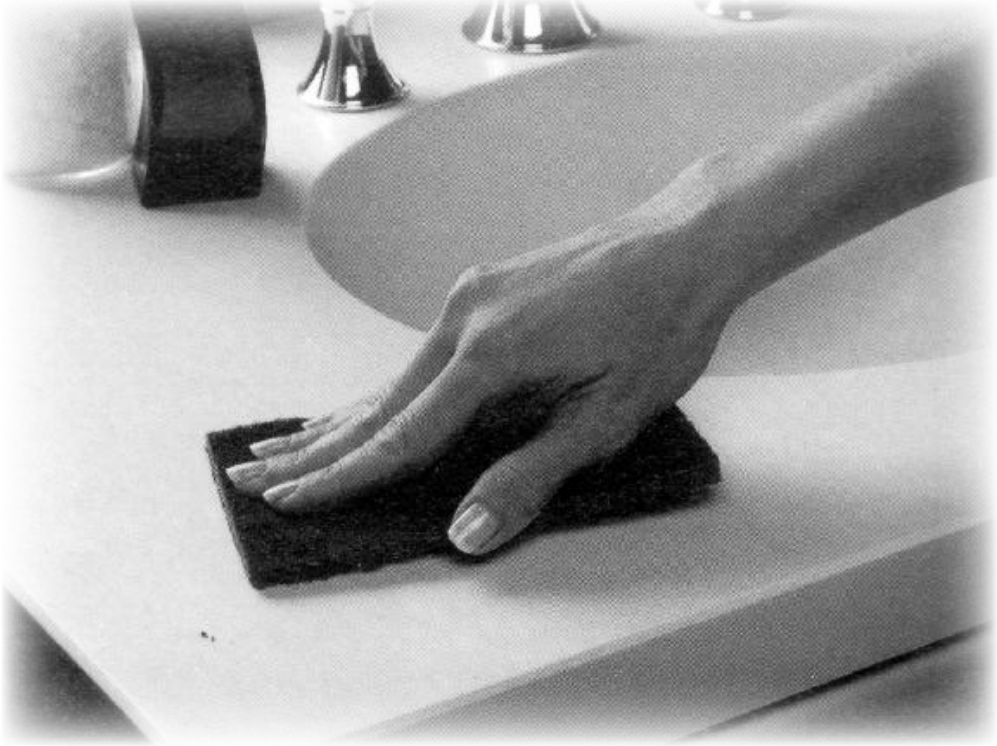
Cleaning and Maintenance *(Solid Surface)*



Caring for your Solid Surface countertop is as simple as wiping the surface with a damp cloth. If a stain develops, wipe it away with soap and water. Or if you prefer wipe it clean with ammonia based cleaner.

If a stain doesn't respond to soap and water, for a matte finish, apply an abrasive cleanser and buff with a Scotch-Brite pad using a circular motion. The same technique can be used for burns. ***If you have a gloss finish, please contact your dealer or fabricator before attempting repairs.***

For minor cuts and scratches, simply sand lightly with a medium (220 grit) sandpaper, then follow with a fine (320 grit) sandpaper. Finally, touch up the finish by buffing with a Scotch-Brite ™ pad.

Caution

Do not expose the surface to harsh chemicals, such as paint remover, turpentine, nail polish remover or stove and drain cleaners. If these chemicals come in contact with the surface, immediately wash them off with water, using appropriate safety measures to avoid injury.

Midmark Corporation
For additional contact information, go to:
www.midmark.com

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